

# AUTO875 Datasheet

PRESSURE REGULATOR FOR  
HYDROGEN FUEL CELL VEHICLES

PRESSURE TECH

● Gas   ● Liquid

● Diaphragm

● Piston

● Self-Venting

● Non-Venting

Max Inlet: 875 bar (12,690 psi)

Max Outlet: 20 bar (290 psi)

Cv 0.5



Note: Regulator shown is AUTO438

EC79  
PENDING

## INTRODUCING THE AUTO875...

The AUTO875 is a high-pressure, piston-sensed pressure regulator with a solid disk design. It is designed specifically for Hydrogen fuel cell vehicles. With a **balanced main valve** as standard it offers stable control of outlet pressures up to 20 bar (290 psi) from a maximum 875 bar (12,690 psi) inlet pressure.

In addition to critical safety features such as its double o-ring backup, the AUTO875 offers convenient access to the seat cartridge in the base of the regulator for simplified servicing.

## SPECIFICATION

Max. Rated Inlet Pressure	875 bar (12,690 psi)
Outlet Ranges	Up to 20 bar (290 psi)
Design Proof Pressure	150% max. working pressure
Seat Leakage	In accordance with ANSI/FCI 70-3
Weight	2.7kg (5.95lbs)

\* Pressure regulator rating may be limited by connection type, Cv and/or seat material

## FEATURES AND BENEFITS

### 1 DOUBLE O-RING

Safety back-up in the event of primary o-ring failure during use.

### 2 EASY ACCESS TO SEAT CARTRIDGE

Simplified servicing through the base of the regulator.

### 3 HIGH PRESSURE

Offers up to 875 bar (12,690 psi) inlet pressure.

### 4 IN-LINE VENT PORT

For simplified assembly.

Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues. Pressure Tech Ltd support with product selection recommendations only - it is the users responsibility to ensure the product is suitable for their specific application requirements.



DESIGNED AND BUILT IN THE UK

### PRESSURE TECH LTD

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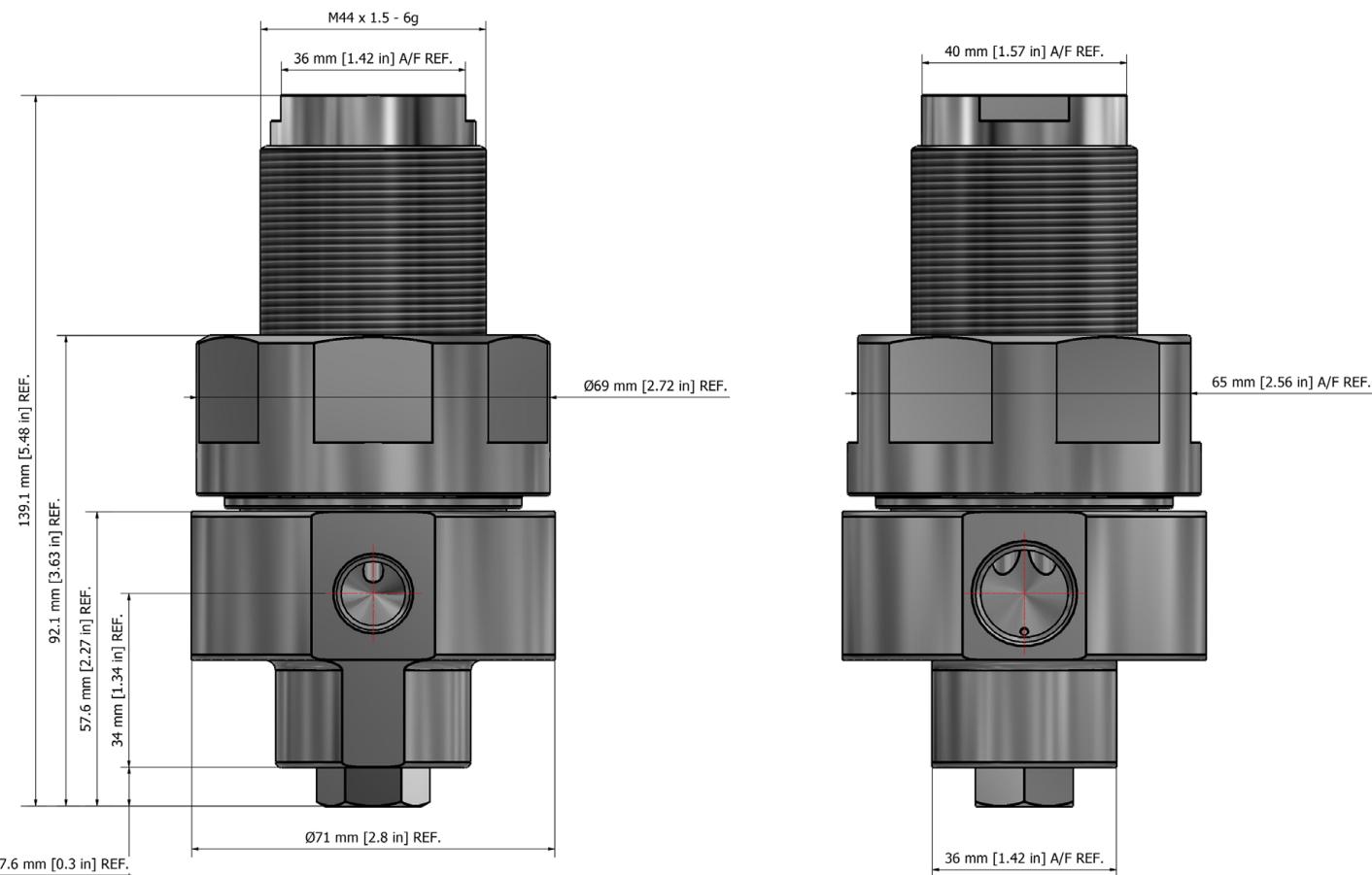
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## DRAWINGS AND INSTALLATION DIMENSIONS



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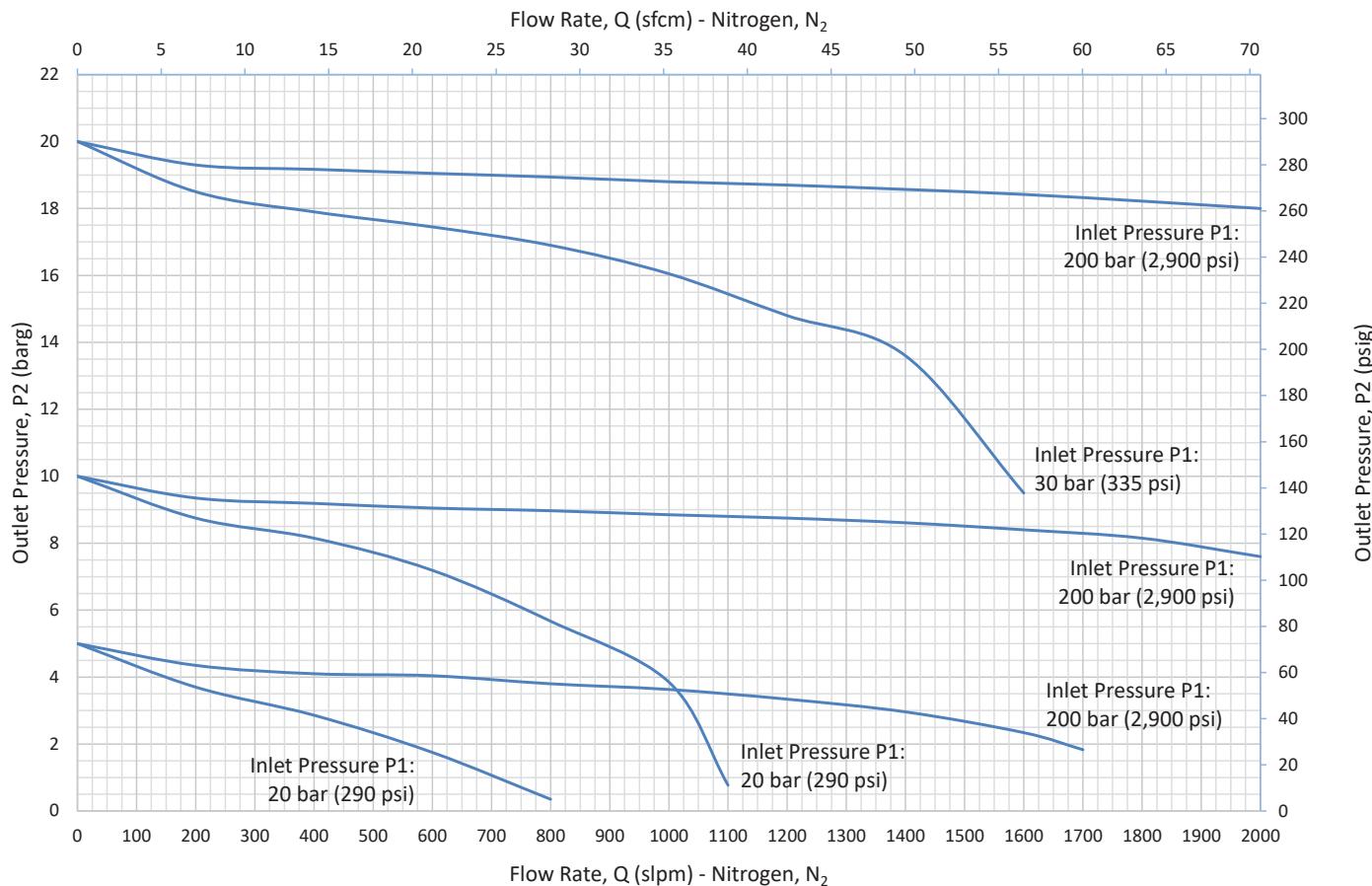
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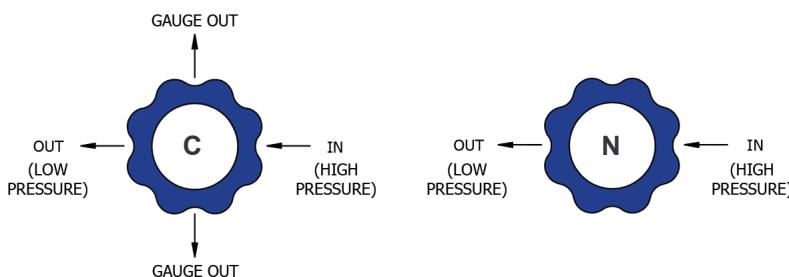
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## FLOW CURVE



## PORTING CONFIGURATIONS



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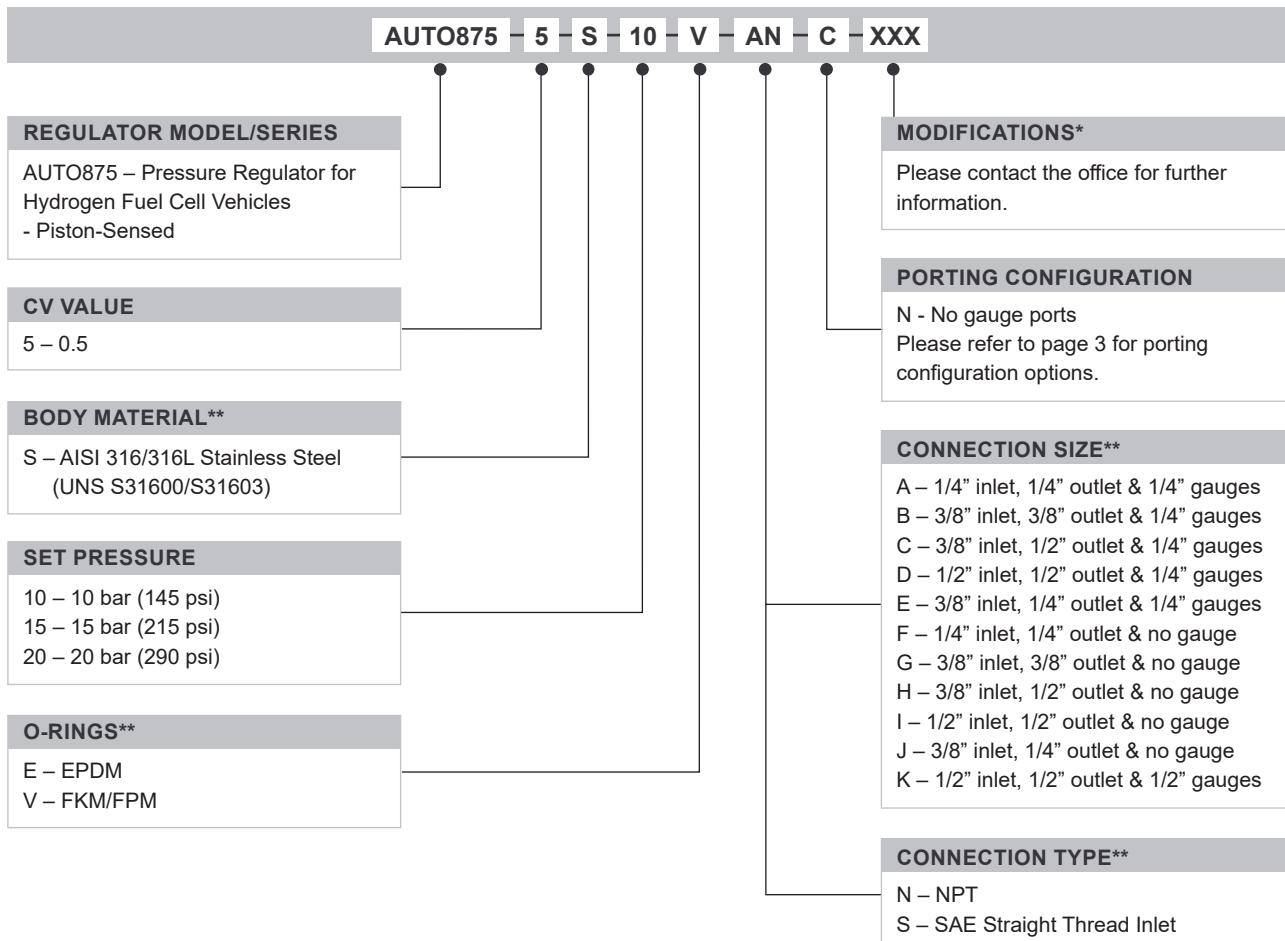
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## ORDERING INFORMATION

To build a Pressure Tech part number, simply combine the characters identified below in sequence:



## OPTIONAL EXTRAS

	PART NUMBER	DESCRIPTION
Service Kit	SRK-MF101-05-B...	Various 'Balanced' options available

**Note:**  
Ancillary equipment also available

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\* Where applicable

\*\* Other options may be available - please contact the office

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